Research

Engineering CV 2014

Kit Johnstone Tyabandha, Ph.D.

Education

[University of Manchester] (England) (2001–2002) (Kittisak Nui Tiyapan) (Ph.D.) (Chemical Engineering) (1 January 2001 – 30 September 2004) [Thesis] (*Division of Space by Voronoi Graphs, Percolation within Percolation*) (2004)

[University of Manchester Institute of Science and Technology] (UMIST) (England) (October 1994 – October 1995) (Kittisak Tiyapan) (M.Sc.) (Control and Information Technology) (12 December 1995) [Dissertation] (*Computation of Fluid Flow*) (1995)

[Chulalongkorn University] (Thailand) (Kittisak Tiyapan) (1986-1991) (B.Eng.) (Mineral Engineering) (Mining Engineering) (5 June 1986 – 5 June 1991) (1991-1993) (B.Eng.) (Control Systems) (Electrical Engineering) (17 October 1991 – 25 May 1993)

[Ramkamhaeng University] (Thailand) (Kittisak Tiyapan) (24 June 1985 – 15 May 1992) (B.Sc.) (Computer Science)

[Ashburton College] (New Zealand) (Kittisak Tiyapun) (Nui Johnstone) (January 1983 – 18 November 1983) (Sixth Form) ⟨(Mathematics, Music, Art History, Geology, English⟩

[Montfort College] (Thailand) (Kittisak Tiyapun) (1973-1983) (1984 – 25 March 1985) (Prathom 5) (16 March 1977) (Prathom 6) (26 March 1978) (Madhyom 6) (25 March 1985)

Experience

[American Field Service] (New Zealand) (Exchange Student) (Kittisak Tiyapun) (Nui Johnstone) (1983) (Sixth Form) (Ashburton College)

[John Dallimore and Partners] (Walton-on-Thames) (England) (Engineer Trainee) (Kittisak Tiyapan) (March - July 1989) (Building Services)

[Association Internationale des Étudiants en Sciences Économiques et Commerciales] (AIESEC) (Ramkamhaeng University) (Budapest University of Economics) [Ganzinform] (Budapest) (Engineer Trainee) (Kittisak Tiyapan) (March - July 1990) (Control Instrumentation)

[Loxley] (Bangkok) (Engineer) (Kittisak Tiyapan) (2 September 1991 - 1 March 1993) (Business Development) (Medium-Voltage Circuit Breakers) (Waste-Water Treatment Plant)

[Telecom Asia] (Bangkok) (System Analyst) (Kittisak Tiyapan) (10 May 1993 - 1 May 1994) (Mainframe Security)

[Jasmine] (Bangkok) (Engineer) (Kittisak Tiyapan) (3 May - 18 September 1994) (Communication Networks)

[Tokyo Institute of Technology] (Japan) (Ph.D. Candidate) (Kittisak Tiyapan) (October 1995 - June 1999) (Control Systems)

[University of Paris I] (France) (Postgraduate Student) (Kittixak Tiyapan) (January - March 2000) (Mathematics in Economics)

[Community Action] (UMIST) (Volunteer) (Kit Tiyapan) (1995 and 2000) (Carer) (Committee)

[University of Manchester Institute of Science and Technology] (Kit Tiyapan) (University Committee) (Post-Graduate Representative) (2001) (Library Committee) (Student Representative) (2001)

[Asian University] (Thailand) (Lecturer) (Kittisakdxi Tyabandha) (17 January – 24 May 2005) (Electrical Engineering) (Communication)

[Mahidol University] (Bangkok) (Lecturer) (Kit Tyabandha) (1 September 2005 – 2007) (Mathematics)

[United Kingdom] (2004-2011) (Kit Johnstone Tyabandha) (Writer)

Publication

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[*Antimony-trioxide extraction from stibnum ore by hydro-metallurgical method*] (1991) (Kittisak Tiyapan) (Report) (B.Eng.) (Mining Engineering) (Chulalongkorn University)

[*Sales suport program in C*] (1992) (Kittisak Tiyapan) (Report) (B.Sc.) (Computer Science) (Ramkamhaeng University)

[*Two-DOF speed control of DC motor*] (1993) (Kittisak Tiyapan) (Report) (B.Eng.) (Electrical Engineering) (Chulalongkorn University)

[*Self-tuning Extremum Control*] (1995) (Kittisak Tiyapan) (Report) (M.Sc.) (Control Systems) (UMIST)

[*Computational Fluid Flow*] (1995) (Kittisak Tiyapan) (M.Sc.) (Control Systems) (UMIST)

[*Computational Fluid Flow*] (1995) (Dissertation) (Kittisak Tiyapan) (M.Sc.) (Control and Information Technology) (UMIST)

[*Critical probability and other properties of 2-d tessellation*] (1996) (Conference Paper) (Kittisak Tiyapan) (Mathematical Theory of Networks and Systems) (St. Louis) (USA)

[*On an algorithm for object-location problem*] (1996) (Conference Paper) (Kittisak Tiyapan) (Advance Technology in Automatic Control Systems) (Atagawa) (Japan)

[*Simulation Techniques using RLS Algorithm for Object-Location Problem*] (1997) (Conference Paper) (World Congress on Systems Simulation) (518–522) (Singapore)

[*Modelling the Economics*] (1997) (Conference Paper) (Kittisak Tiyapan) (Advance Technology in Automatic Control Systems) (Fu-A1-2) (Tokyo) (Japan)

[*Variable Structure Control for a Singularly Perturbed System*] (1998) (Conference Paper) (Kittisak Tiyapan) (Advance Technology in Automatic Control Systems) (Fu-C1-8) (Kawaguchi) (Japan)

[*Bhạsạ Angkṛiṣ an Nàsoncaị*] (2000) (Kittiśakd́xi Tịyàbandḥa) (Book) (9743461825)

[*Plạe Kled́ Angkṛiṣ*] (2000) (Kittiśakd́xi Tịyàbandḥa) (Book) (9743467653)

[*Voronoi Translated*] (Introduction to Voronoi Tessellation and Essays by G L Dirichlet and G F Voronoi) (2001) (Kittisak Nui Tiyapan) (Book) (9789741315031)

[*Percolation within Percolation and Voronoi Tessellation*] (2003) (Kittisak Nui Tiyapan) (Book)

[*A Lạnnạ in Town*] (2003) (Kit Tiyapan) (Book) (9789741718603)

[*A Kiwi Lạnnạ*] (2003) (Kit Tiyapan) (Book) (9789749123737)

[*A British Lạnnạ*] (2003) (Kit Tiyapan) (Book) (9789749123744)

[*Edokko no Lạnnạ*] (2003) (Kit Tiyapan) (Book) (9789749134191)

[*The Siamese Lạnnạ*] (2003) (Kit Tiyapan) (Book) (9789749134184)

[*Thai Grammar, Poetry and Dictionary*] (a new romanisation) (2003) (Kit Tiyapan) (Book) (9789741718610)

[*Founts Explored I*] (2003) (Kit Tyabandha) (Book) (9789748820606)

[*O Kinder Scout*] (2005) (Kit Tyabandha) (Book) (9789749388037)

[*Business Mathematics*] (2005) (Kit Tyabandha) (Book) (9789749427958)

[*Coding Theory*] (2005) (Kit Tyabandha) (Book) (9789749427941)

[*First Memoir, on some Properties of the Perfect Positive Quadratic Forms*] (G. F. Voronoi) (Kit Tyabandha) (translated) (2007) (Book) (9789748824895)

[*Notice on the Symmetrical Polyhedra of Geometry*] (Auguste Bravais) (1849) (Kit Tyabandha) (translated) (2006) (Book) (9789749430958)

[*On the Reduction of Positive Quadratic Form with three Indeterminate Integers*] (G. L. Dirichlet) (Kit Tyabandha) (translated) (2007) (Book) (9789748824888)

[*Percolation within Percolation and Voronoi Tessellation*] (2006) (Kit Tyabandha) (Book) (974930375X)

[*Second Memoir, Research on Primitive Parallelohedron*] (G. F. Voronoi) (Kit Tyabandha) (translated) (2007) (Book) (9789748824901)

[*Second Memoir, Studies on the Primitive Parallelohedra, Second Part, Domain of Quadratic Forms*] (G. F. Voronoi) (Kit Tyabandha) (translated) (2007) (Book) (9789748824918)